

Title (en)

DRUGS FOR TREATING VASCULAR DISEASES

Title (de)

ARZNEIMITTEL ZUR BEHANDLUNG VON GEFÄSSERKRANKUNGEN

Title (fr)

MEDICAMENTS DE TRAITEMENT DE MALADIES VASCULAIRES

Publication

**EP 1500401 A4 20091223 (EN)**

Application

**EP 03717687 A 20030422**

Priority

- JP 0305084 W 20030422
- JP 2002118729 A 20020422

Abstract (en)

[origin: EP1500401A1] A medicament for prophylactic and/or therapeutic treatment of a vascular disease such as vascular restenosis and/or reocclusion after percutaneous transluminal coronary angioplasty using an intravascular stent, which comprises as an active ingredient a substance selected from the group consisting of retinoids and agents for controlling actions of retinoids such as 4- $\alpha$ 5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)carbamoylbenzoic acid or a salt thereof, or 4- $\alpha$ 3,5-bis(trimethylsilyl)phenylcarbonylaminobenzoic acid or a salt thereof, wherein said substance has substantially no antiproliferative action on vascular endothelial cells, but substantially has antiproliferative action on vascular smooth muscle cells.

IPC 8 full level

**A61K 45/00** (2006.01); **A61K 31/192** (2006.01); **A61K 31/27** (2006.01); **A61K 31/695** (2006.01); **A61L 31/16** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 9/14** (2006.01); **A61P 43/00** (2006.01)

CPC (source: EP KR US)

**A61K 31/27** (2013.01 - EP KR US); **A61K 31/695** (2013.01 - EP KR US); **A61L 31/16** (2013.01 - EP US); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 9/14** (2017.12 - EP); **A61P 43/00** (2017.12 - EP)

Citation (search report)

- [XI] US 5728739 A 19980317 - AILHAUD GERARD [FR], et al
- [XI] WO 9846076 A1 19981022 - SIDNEY KIMMEL CANCER CT [US], et al
- [X] WO 9848055 A1 19981029 - INST NAT SANTE RECH MED [FR], et al
- [X] EP 1048659 A1 20001102 - INST MED MOLECULAR DESIGN INC [JP]
- [I] US 5827500 A 19981027 - DEMARCHEZ MICHEL [FR], et al
- [I] EP 1180520 A1 20020220 - INST MED MOLECULAR DESIGN INC [JP]
- [Y] WO 0010552 A2 20000302 - GLOBAL VASCULAR CONCEPTS INC [US]
- [E] WO 2004006983 A2 20040122 - UNIV VIRGINIA [US], et al
- [Y] EBISAWA M ET AL: "RETINOID X RECEPTOR-ANTAGONISTIC DIAZEPINYLBENZOIC ACIDS", CHEMICAL AND PHARMACEUTICAL BULLETIN, PHARMACEUTICAL SOCIETY OF JAPAN, TOKYO, JP, vol. 47, no. 12, 1 December 1999 (1999-12-01), pages 1778 - 1786, XP002950512, ISSN: 0009-2363
- See references of WO 03089005A1

Cited by

EP1733722A4; EP2286807A3; EP1930001A4; WO2007071605A1; WO2010000784A1; WO2016091365A1; US8071647B2; US8168677B2; US8198329B2; US8431613B2

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AL LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

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